FIELD DOCUMENT ROUTING AND ACTION RECORD

INSTRUCTIONS: Routing designations, either individuals or units, are to be placed in the "TO" column. Comments are to be numbered to correspond to the number in the "TO" column. Each comment is to be underlined with a line drawn across the "COMMENTS" column. Each recipient of the attached document is to place his initials in the proper space following the corresponding numbered routing. The date the document is forwarded to the next routing is to be placed in the proper column. The last routing on this sheet shall be the unit in which the basic document is to be filed. If the holding unit is other than the central files, the central file shall be the next to the last routing to insure proper control clearances. THIS DOCUMENT ROUTING AND ACTION RECORD IS TO REMAIN ATTACHED TO THE BASIC RECORD DOCUMENT AS A PERMANENT RECORD.

FROM: R&D Lab

DOCUMENT SYMBOL AND NUMBER:

DOCUMENT DATE:

ACTION SUSPENSE DATE:

TO	LOCATION	DATE FORWARDED	OFFICER INITIALS
1. 14 APR 1959 R+D		4/15 4-15	
2. EP [redacted]		4-16	
3. PCV		4-16	
4. DWR		4-28	
5. R+D			
6. R&D/LAB			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			

COMMENTS

1. The men who developed the [redacted] core version of the [redacted] are quite naturally interested in undertaking any off-line keyer development. Unless such a development conflicts with other programs of which we have no knowledge, I highly recommend we start such a development so that we may maintain and improve our abilities in this field - John B. 4/13

Talked to JCB on this and since he wrote the comment he has read the 2029 project description concerning the submission of a proposal by the hub. (John was aboard ship when this was submitted)

DOCUMENT PROCESSING DATA

INDEXED

ABSTRACTED

FILE NUMBER

50X1

50X1

FORM NO. 861 1 DEC 55 SECRET CONFIDENTIAL UNCLASSIFIED (40)

STANDARD FORM NO. 64 SECRET

Office Memorandum • UNITED STATES GOVERNMENT

TO : Chief, R&D Laboratory DATE: 9 April 1959

FROM : [redacted] 50X1

SUBJECT: Noise Modulated [redacted] 50X1

1. In the [redacted] Job 1459 monthly progress report for the month ending November 1958, [redacted] outlines a severe problem which would be alleviated if the message to be transmitted could be supplied to his device by a purely electrical storage and read-out system having high data rate stability. He mentions a 2500 bit shift register which he considers impractical. 50X1 50X1

2. Project 2529, the [redacted] Study, indicates that a 100 group memory device (not a long shift register) is feasible,* and that the circuitry can be made to have the desired data rate stability. Alternatively, the [redacted] could be slaved to clock pulses from [redacted] device. 50X1 50X1 50X1

3. Perhaps coordination between the [redacted] group and the [redacted] project (should it be initiated) would produce two equipments having greatly increased versatility. 50X1 50X1

[redacted] 50X1

* Size estimate - 40 cu. in.

SECRET